

Amendment and Response

Applicant: Dan Scott Johnson

Serial No.: 10/808,136

Filed: March 24, 2004

Docket No.: 200207099-1

Title: AUDIO/VIDEO COMPONENT NETWORKING SYSTEM AND METHOD

IN THE CLAIMS

Please cancel claims 9, 12, and 14-16 without prejudice.

Please add claims 40-45.

Please amend claims 1, 10, 11, 17, 24-26, 28, and 36-39 as follows:

1. (Currently Amended) An audio/video (A/V) component networking system, comprising:

a sink component adapted to be communicatively coupled between a source component and a presentation device for displaying A/V program data and an A/V menu data stream associated with the source component on the presentation device based on a user request transmitted from the sink component to the source component; and

a data manager adapted to identify related A/V program data and automatically transfer the A/V program data and the related A/V program data between a database stored in memory of the source component and an archival storage system of the source component based on a sequential relationship of the A/V program data and the related A/V program data, wherein an earlier of the A/V program data and the related A/V program data is stored in the memory database, and a later of the A/V program data and the related A/V program data is stored in the archival storage system.

2. (Previously Presented) The system of Claim 1, wherein the sink component is adapted to automatically change from a selected type of communication network to another type of communication network based on a type of the source component or a type of the A/V program data.

3. (Original) The system of Claim 1, wherein the sink component comprises a registration module adapted to register a type of communication network for communication with the source component.

4. (Original) The system of Claim 1, wherein the sink component comprises a registration module adapted to register the source component with the sink component.

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5. (Original) The system of Claim 1, wherein the sink component is adapted to present to the user a listing of the A/V program data available from the source component.

6. (Original) The system of Claim 1, wherein the sink component comprises a registration module adapted to register the presentation device with the sink component.

7-9. (Cancelled)

10. (Currently Amended) The system of Claim 1, wherein the sink component is adapted to obtain the A/V program data from the source component, decode the A/V program data, and transmit the A/V program data to the presentation device for presentation on the presentation device.

11. (Currently Amended) The system of ~~Claim 1~~ Claim 10, wherein the sink component is adapted to decode the A/V program data by performing at least one of data decompression, data decryption, data formatting, and data manipulation ~~display to the user via the presentation device a menu interface associated with the source component.~~

12-16. (Cancelled)

17. (Currently Amended) An audio/video (A/V) networking method, comprising:
transmitting, via a sink component communicatively coupled between a source component and a presentation device, A/V program data and an A/V menu data stream from the source component to the presentation device based on a user request transmitted from the sink component to the source component; and

identifying related A/V program data and automatically transferring the A/V program data and the related A/V program data between a database stored in memory of the source component and an archival storage system of the source component based on a sequential relationship of the A/V program data and the related A/V program data, wherein an earlier of the A/V program data and the related A/V program data is stored in the ~~memory~~ database,

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and a later of the A/V program data and the related A/V program data is stored in the archival storage system.

18. (Cancelled)

19. (Previously Presented) The method of Claim 17, further comprising automatically changing from a selected type communication network to another type of communication network for communicating between the sink component and the source component based on a type of the source component or a type of the A/V program data.

20. (Cancelled)

21. (Original) The method of Claim 17, further comprising automatically registering at least one of a plurality of different types of communication networks with the sink component.

22. (Original) The method of Claim 17, further comprising filtering a listing of the A/V program data available from the source component based on a format of the A/V program data.

23. (Original) The method of Claim 17, further comprising filtering a listing of the A/V program data available from the source component based on a type of the presentation device.

24. (Currently Amended) The method of Claim 17, further comprising obtaining the A/V program data from the source component, decoding the A/V program data, and transmitting the A/V program data to the presentation device for presentation on the presentation device.

25. (Currently Amended) The method of ~~Claim 17~~ Claim 24, ~~further comprising displaying a menu interface associated with the source component~~ wherein decoding the A/V

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program data comprises at least one of decompressing, decrypting, formatting, and manipulating the A/V program data.

26. (Currently Amended) An audio/video (A/V) component networking system, comprising:

a sink component configured to be communicatively coupled between a plurality of source components and a presentation device for displaying an aggregated listing of available A/V program data associated with the plurality of source components on the presentation device such that the location of the A/V program data remains transparent to the user; and

a data manager adapted to automatically transfer the available A/V program data between a database stored in memory of the source component and an archival storage system of the source component based on a sequential relationship of the available A/V program data, wherein earlier A/V program data is stored in the ~~memory~~-database and later A/V program data is stored in the archival storage system.

27. (Previously Presented) The system of Claim 26, wherein the sink component is configured to automatically switch from a first type of communication network to a second type of communication network based on a signal condition on the first type of communication network.

28. (Currently Amended) The system of Claim 26, wherein the sink component is configured to automatically switch from a first type of communication network to a second type of communication network based on a change in the A/V program data being transmitted from the source component.

29-33. (Cancelled)

34. (Previously Presented) The system of Claim 1, wherein the sequential relationship of the A/V program data and the related A/V program data is based on a recordation time or receipt time of the A/V program data and the related A/V program data.

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35. (Previously Presented) The system of Claim 1, wherein the sequential relationship of the A/V program data and the related A/V program data is based on a presentation time of the A/V program data and the related A/V program data to a user.

36. (Currently Amended) The system of Claim 1, wherein, upon presentation of the A/V program data to a user, the data manager is adapted to extract next sequential A/V program data from the archival storage system and store the next sequential A/V program data in the memory database.

37. (Currently Amended) The method of Claim 17, wherein the sequential relationship of the A/V program data and the related A/V program data is based on a recordation time or receipt time of the A/V program data and the related A/V program data.

38. (Currently Amended) The method of Claim 17, wherein the sequential relationship of the A/V program data and the related A/V program data is based on a presentation time of the A/V program data and the related A/V program data to a user.

39. (Currently Amended) The method of Claim 17, further comprising, upon presentation of the A/V program data to a user, extracting next sequential A/V program data from the archival storage system and storing the next sequential A/V program data in the memory database.

40. (New) The system of Claim 1, wherein, based on the sequential relationship of the A/V program data and the related A/V program data, the data manager is adapted to transfer one of the A/V program data and the related A/V program data from the database to the archival storage system, and transfer one of the A/V program data and the related A/V program data from the archival storage system to the database.

41. (New) The system of Claim 1, wherein the database and the archival storage system each store, in one instance, an entirety of a respective one of the A/V program data and the related A/V program data.

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42. (New) The system of Claim 1, wherein the A/V program data comprises one episode of a television broadcast, and the related A/V program data comprises another episode of the television broadcast.

43. (New) The method of Claim 17, wherein automatically transferring the A/V program data and the related A/V program data includes, based on the sequential relationship of the A/V program data and the related A/V program data, transferring one of the A/V program data and the related A/V program data from the database to the archival storage system, and transferring one of the A/V program data and the related A/V program data from the archival storage system to the database.

44. (New) The method of Claim 17, wherein the database and the archival storage system each store, in one instance, an entirety of a respective one of the A/V program data and the related A/V program data.

45. (New) The method of Claim 17, wherein the A/V program data comprises one episode of a television program, and the related A/V program data comprises another episode of the television program.